



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7494**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on September 17, 2024.

LOCATION: NAUBINWAY DNR FIELD OFFICE, PO BOX 287, US 2 W11569, NAUBINWAY, MI 49762.

CONTACT NAME: Josh Brinks

PHONE NUMBER: (906) 203-0210

PROSPECTUS NOTE: The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Skeeter Surplus Mix (45-105-23) / T41N, R11W, SEC. 5 , SENE,NESE.

T41N, R11W, SEC. 6 , S1/2NE,NESE.

T42N, R11W, SEC. 31, N1/2SE.

T42N, R11W, SEC. 32, SENE,NESE.

Mackinac County, Advertised Price \$5,896.75, 49.2 Acres, Aspen, Hardwood.

TIMBER SALE INFORMATION

Skeeter Surplus Mix (45-105-23)

T41N, R11W, SEC. 5; T41N, R11W, SEC. 6; T42N, R11W, SEC. 31; T42N, R11W, SEC. 32.

Mackinac County (Advertised Price \$5,896.75)

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	0.7 MBF	\$ 9.00 / MBF
Red Maple	54.5 MBF	\$ 25.00 / MBF
Sugar Maple	4.6 MBF	\$ 157.00 / MBF
Yellow Birch	54.0 MBF	\$ 2.00 / MBF
Pulpwood		
Balsam Fir	47 Cords	\$ 3.80 / Cord
Hemlock	34 Cords	\$ 1.00 / Cord
Mixed Aspen	148 Cords	\$ 9.95 / Cord
Mixed Hardwood	447 Cords	\$ 3.70 / Cord
Mixed Spruce	40 Cords	\$ 4.05 / Cord
Paper Birch	23 Cords	\$ 1.30 / Cord
Tamarack	4 Cords	\$ 1.00 / Cord
White Pine	31 Cords	\$ 5.25 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.87 percent. There are an estimated 1,274 cords on this timber sale, plus or minus 190 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

1. A bond in the amount of \$589.68 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	6.5%
02	23.6%
03	15.6%
04	54.3%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		STATISTICAL RANGE IN CORDS		
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
100,670	1,274	14.87%	1,085	1,464

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
19	7,798	99	33.04%	66	131
55	33,750	427	19.44%	344	510
80	5,899	75	55.91%	33	116
86	53,224	674	21.77%	527	820
TOTAL:	100,670	1,274		970	1,578

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
19	7.5	1	7.5
55	17.6	2	17.6
80	3.4	3	3.4
86	20.7	4	20.7
TOTAL:	49.2		49.2

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	3.1	MBF	7.5	\$382.35
	Balsam Fir	Pulpwood	5	Cords		
	Mixed Aspen		1	Cords		
	Balsam Poplar		1	Cords		
	Mixed Hardwood		31	Cords		
	Red Maple		31	Cords		
	Mixed Spruce		34	Cords		
	Black Spruce	Sawtimber	1.9	MBF		
	Black Spruce	Pulpwood	30	Cords		
	Paper Birch		15	Cords		
Tamarack		4	Cords			
2	Red Maple	Sawtimber	9.6	MBF	17.6	\$1,390.80
	Yellow Birch		33.3	MBF		
	Balsam Fir	Pulpwood	42	Cords		
	Hemlock		34	Cords		
	Hemlock	Sawtimber	13.0	MBF		
	Hemlock	Pulpwood	8	Cords		
	Mixed Aspen		6	Cords		
	Balsam Poplar	Sawtimber	1.3	MBF		
	Balsam Poplar	Pulpwood	3	Cords		
	Mixed Hardwood		218	Cords		
	Black Ash		6	Cords		
	Red Maple		56	Cords		
	Yellow Birch		156	Cords		
	Mixed Spruce		6	Cords		
	White Spruce	Sawtimber	2.4	MBF		
	White Spruce	Pulpwood	1	Cords		
	3	Mixed Aspen	Pulpwood	91		
B. T. Aspen		Sawtimber	11.5	MBF		
B. T. Aspen		Pulpwood	68	Cords		
Mixed Hardwood			1	Cords		
Sugar Maple			1	Cords		
Paper Birch			6	Cords		
4	Paper Birch	Sawtimber	0.7	MBF	20.7	\$3,206.65
	Red Maple		41.8	MBF		
	Sugar Maple		4.6	MBF		
	Yellow Birch		20.7	MBF		
	Mixed Aspen	Pulpwood	50	Cords		
	Balsam Poplar		50	Cords		
	Mixed Hardwood		197	Cords		
	Red Maple		66	Cords		
	Sugar Maple		10	Cords		
	Yellow Birch		121	Cords		
	Paper Birch		2	Cords		
	White Pine		31	Cords		
	White Pine	Sawtimber	12.8	MBF		
	White Pine	Pulpwood	5	Cords		
TOTAL:			113.8	MBF		
TOTAL:			774	Cords		

Sale Specific Conditions & Requirements

Sale Name: Skeeter Surplus Mix

Sale Number: 45-105-23 Seq#: 3

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue and red paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1, cut all trees that are two (2) inches or more at DBH, except do not cut any cedar or hemlock.

Within Payment Unit(s) 2, cut all trees that are four (4) inches or more at DBH, except do not cut any cedar.

Within Payment Unit(s) 3, cut all trees that are two (2) inches or more at DBH, except do not cut white pine less than six (6) inches at DBH.

Within Payment Unit(s) 4, cut all deciduous trees that are two (2) inches or more at DBH, and all conifers that are four (4) inches or more at DBH, except do not cut cedar, hemlock, or any trees marked with green paint.

2.1.9 - Harvest exception (12/08)

Do not cut any cedar within Payment Units 1, 2, & 4, or any hemlock within Payment Units 1 & 4, other than those that are necessary to remove in order to operate within the sale area. Every effort must be made to preserve the existing cedar and hemlock and to leave an intact stand upon sale completion. All cut cedar and hemlock shall be piled separately by products and scaled in the woods unless other scaling arrangements are agreed to by the Unit Manager or his/her representative. Stumpage price for cedar and hemlock shall be \$20.00 per cord for posts and pulpwood, and \$40.00 per cord for bolts and sawlogs.

3 - Payments

3.6 - Payment Unit Cutting Schedule

3.6.2 - One active unit (12/08)

Each Payment Unit must be completed to the satisfaction of the Unit Manager or his/her representative before the next unit may be opened. The Purchaser must give a one week notice before finishing a unit to allow for inspection.

4 - Transportation

4.1 - Construction

4.1.2 - Stream crossings, specific (3/11)

Within Payment Unit 2, the Hudson Creek crossing will require the installation of a portable bridge which may be borrowed from the DNR. This installation will be performed in accordance with the specifications on the appropriate permits which shall be provided by the DNR. A six-month notice is required prior to bridge installation.

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.6 - Road construction (4/24)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The DNR will secure any necessary stream crossing permits that may be required.

4.2 - Maintenance

4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

5 - Operations

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.2 - Operating restrictions (9/11)

Within Payment Unit(s) 1, unless changed by written agreement, cutting, skidding, and hauling are limited to the period of December 1 to March 31. This restriction is because of deer wintering habitat and wet, sensitive soils.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 2, 3, & 4, cutting occur during dry summer or frozen winter conditions. The reason for the recommendation is because of wet, sensitive soils in certain areas.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.8 - Protection of Endangered Species

5.8.3 - Red shoulder hawk or goshawk (1) (2/16)

In the event that an active red shoulder hawk or goshawk nest is found, the contract may be amended to protect the nest site until the nest is determined to be inactive. The value of the trees in this excluded area will be refunded or credited to the Purchaser. The nest will be buffered with a five-chain radius (eight acre) protection area, centered on the nest tree, in which there will be no cutting or new roads constructed. Avoid human disturbance, including loading and skidding, in the protection

area.

An additional zone of five chains (ten chains centered on the active nest tree) will be established in which there is no management activity from April 1 to July 30. Limit biomass harvesting and chipping operations within this ten-chain zone, retain the maximum one-third of residues per the Woody Biomass Harvesting Guidelines (Michigan DNR 2010). Nests determined to be inactive will be protected with a one-chain no-harvest buffer.

**TIMBER SALE MAP***This information provided by authority of Part 525, 1994 PA 451, as amended.*

Forest Management Unit		County	Mapped By	Plato	Date	Page	of
Sault Ste. Marie		Mackinac	Cruised By	Contractor	07/20/2023	1	1
Township	Range	Section(s) and Subdivision(s)			Scale		
41N, 42N	11W	Sec 5 SENE, NESE Sec 6 S1/2NE, NESE (Sec 31 N1/2SE Sec 32 SENE, NESE			1:15,840		
Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water				
G = Grass	MD = Mixed Decidious	T = Tamarack					

PU	Acres	PU	Acres
1	7.5	4	20.7
2	17.6		
3	3.4		

Skeeter Surplus Mix
Compartment 198
49.2 Acres